



# THEY SHALL NOT PERISH: DEVELOPING A DIGITAL GATEWAY TO MILITARY HISTORY RESOURCES

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# Introduction

Rationale for developing a digital gateway to military history resources available in online collections

# Overview of Collections

- Manuscript Collections
- Physical Objects
- Films and Oral Histories
- Maps and Posters
- Photographs

# Manuscript Collections, Ephemera and Realia

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- Joseph Fisher World War II Scrapbook
- U.S. Civil War Resources of East Central Indiana Collections
- French Revolution Pamphlets

# Films and Oral Histories

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- ❑ World War II Historic Film Collection
- ❑ Robert F. Kennedy Primary Campaign Address
- ❑ Eleanor Roosevelt Speech Collection
- ❑ Middletown Digital Oral History Collection
- ❑ Cantigny First Division Oral Histories

# Maps and Posters

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- ❑ *Ostland Atlas*
- ❑ Posters from the US Civil War Resources of East Central Indiana Collections
- ❑ Elizabeth Ball Collection of War I Posters

# Photographs

- ❑ Ball State University Military Education Photographs
- ❑ Photographs from the US Civil War Resources of East Central Indiana Collections
- ❑ Photographs from the Joseph Fisher World War II Scrapbook
- ❑ Photographs from Robert F. Kennedy Primary Campaign Address
- ❑ Photographs from the Middletown Digital Archives

# Enhancements and Customizations

Providing better access to collections:

- Zoomify
- Embedded players
- Google Maps



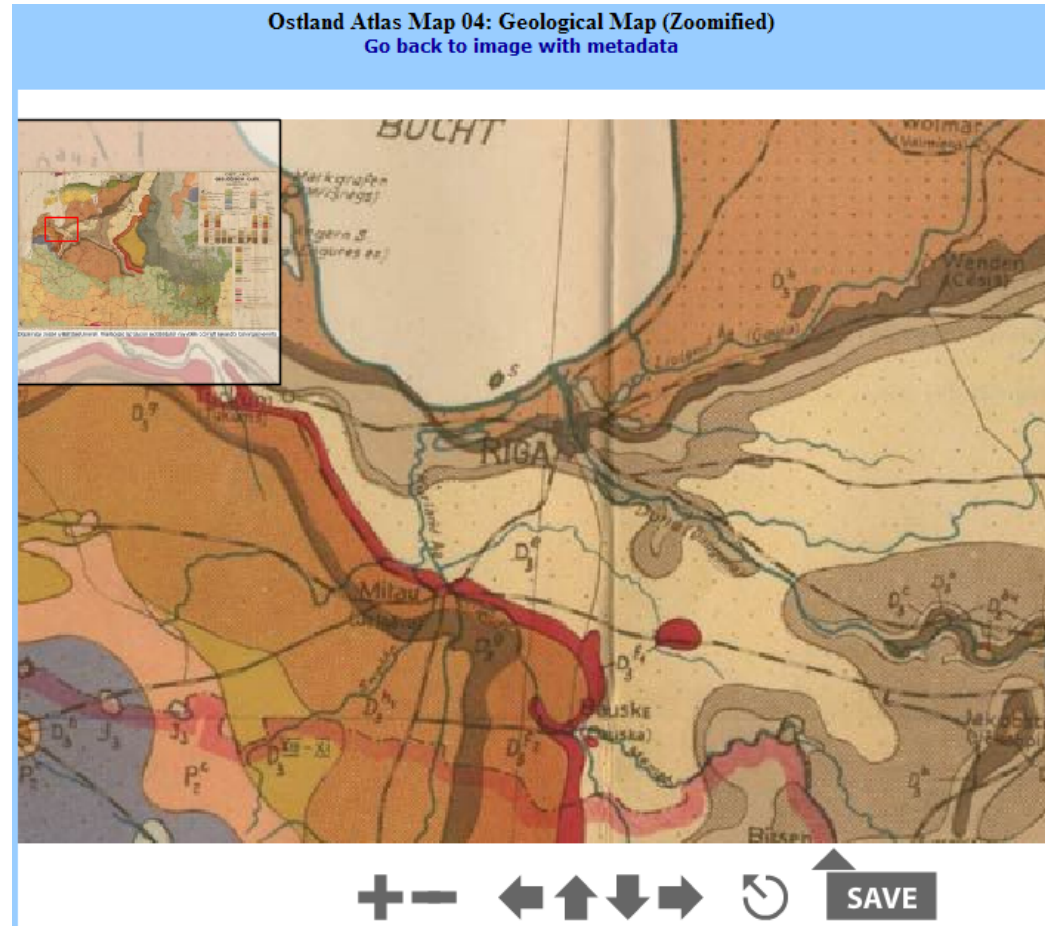
# Zoomify

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- ❑ Easy access button in the toolbar
- ❑ View, zoom, and pan efficiently
- ❑ Ability to save and print zoomed portion

# Ostland Atlas

## Example of Zoomify



# Embedded Players

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- Allowing audio and video to play in-line
- No confusing links to follow
- Media and transcript available simultaneously

# Middletown Digital Oral Histories

Example of  
embedded  
audio player

The screenshot displays the Digital Media Repository website. At the top, the header includes the title "Digital Media Repository" and "A Project of the University Libraries". To the right, contact information for John B. Straw, Project Coordinator, is listed: Office: 765-285-5078, (M-F: 8:00am-5:00pm), and After Hours: 765-285-5143. Below the header, a navigation bar contains links: "Advanced Search", "Preferences", "My Favorites", "Help", and "Downloads". A "back to collection home" link is also present.

The main content area features the title "Costello, Anthony (Audio Interview and Transcript)". Below this is an embedded audio player with a play button, a progress bar, and a volume control. The player is currently "Stopped". Below the player, a message asks: "Are you having a problem playing the media above? [Click here](#) to play it in an external player".

Below the message are two links: "Open PDF in new window" and "Go to PDF description".


The PDF document is displayed in a viewer window. The toolbar at the top of the viewer includes icons for print, save, find, and other functions. The document content shows the title "Archives and Special Collections" and "University Libraries". Below this, the project name "Muncie Economic Development Oral Histories" is listed, followed by the project name "Muncie's Response to Economic Change: An Oral History", the project number "R 256-018", the interviewer "J. Paul Mitchell", the interviewee "Tony Costello", and the date "September 26, 2008".

The transcript text begins with "Mitchell: This is J. Paul Mitchell and I am working on the Middletown Center's program on Economic Development. With me is Tony Costello. And I am very thankful and pleased that you could participate in this, Tony. Why don't you, for the record, just state your name and what your position is and we'll go from there."

# Cantigny First Division Oral Histories

Example of  
embedded  
video player

**Rogers, Daniel (Video Interview and Transcript)**



Playing 'rogers': 2128 K bits/second 00:03 / 01:40:02

Are you having a problem playing the media above? [Click here](#) to play it in an external player

[Open PDF in new window](#) | [Go to PDF description](#)

Find

Reidy: At what point did you come back to the United States?

[8:00]

Rogers: Came back to the United States in uh, 1963, late '63. I missed the Oktoberfest. I was stationed at Fort Sheridan in Illinois, same capacity, G2-3, combat intelligence specialist.

Reidy: Somewhere along the line you got motivated to go through OCS [Officer Candidate School] and join to Officer Corps.

Rogers: Yes. [laughter] We discussed that, unless you want to really discuss it again.

Reidy: Well, just if you can really tell us how you became an officer.

# Google Maps

- Gives a collection spatial context
- Smarter than simple browsing
- Lots of possibilities for military history collections
  - ▣ Joseph Fisher World War II Scrapbook
  - ▣ *Ostland Atlas*
  - ▣ U.S. Civil War Resources for East Central Indiana

# Sanborn® Fire Insurance Maps of Muncie

Example of  
Google Maps  
application

**Sanborn Locator Map**

To locate Sanborn maps using this interactive Google Map, first select the year you are interested in. The map that you are interested in. This map shows the sheets available for that year in reference to today's road repository.

Year

Map Sat Ter

**Muncie, Ind. Sanborn Map, 1911, Sheet 51**  
Last Updated by [asqibson2](#) on Oct 14

[Muncie, Ind. Sanborn Map, 1911, Sheet 51](#)

Map data ©2009 Maponics, Tele Atlas - [Terms of Use](#)

# Revisiting the Metadata and Creating Custom Queries

## Identifying and Accessing Resources

- By conflict
- By format



# Using Existing Data

- ❑ Subject Fields – A few snags
  - ▣ Different controlled vocabularies
  - ▣ Items not tagged
  - ▣ Non-relevant hits
- ❑ Format Fields – More snags!
  - ▣ More granular than needed
  - ▣ Not enough consistency across collections
- ❑ Results not very clean or easily understandable


# Query Using Existing Data

Civil War  
Photographs  
Query using  
Existing Data


Home : About : Browse : Advanced Search : Preferences : My Favorites : Help : Downloads


select all : clear all : add to favorites add to favorites : back to collection home  Thumbnail View : 


Search results: **81** item(s) for: **Photograph OR Card OR Visite OR Tintype OR Photographic** [revise search](#)

  
☐ 1. Abraham Lennington

  
☐ 2. Amos Gronendyke

  
☐ 3. Boys of the 7th Indiana Cavalry

  
☐ 6. Carte de Visite of Adelia Carter New

  
☐ 7. Carte de Visite of Albert Kendrick

  
☐ 8. Carte de Visite of Caleb H. Cooper

# The Solution: A “Key” Field

- ❑ Identify portal materials at the outset
- ❑ Add the key field to each collection
- ❑ Tag those materials using shared controlled vocabulary
- ❑ Allows consistency for both subject and format (LCSH and TGM)
- ❑ Map to subject
- ❑ Key field works in addition to existing data
- ❑ Less time consuming than reworking all the fields

# Shared Controlled Vocabulary

Terms from  
Portal Key  
Shared  
Controlled  
Vocabulary

http://libx.bsu.edu/cgi-bin/admin/getfile.exe?CISOFIL...

Military history--Ball State University Military Education--Photographs  
Military history--Cold War--Documents--Speeches, addresses, etc.  
Military history--Cold War--Sound recordings--Speeches, addresses, etc.  
Military history--Cold War--Video recordings--Oral histories  
Military history--France--History--Revolution, 1789-1799--Pamphlets  
Military history--Korean War, 1950-1953--Photographs  
Military history--Korean War, 1950-1953--Sound recordings--Oral histories  
Military history--Korean War, 1950-1953--Video recordings--Oral histories  
Military history--Persian Gulf War, 1991--Video recordings--Oral histories  
Military history--United States--History--Civil War, 1861-1865--Correspondence  
Military history--United States--History--Civil War, 1861-1865--Diaries  
Military history--United States--History--Civil War, 1861-1865--Documents  
Military history--United States--History--Civil War, 1861-1865--Newspapers  
Military history--United States--History--Civil War, 1861-1865--Photographs  
Military history--United States--History--Civil War, 1861-1865--Posters  
Military history--Vietnam War, 1961-1975--Documents--Speeches, addresses, etc.  
Military history--Vietnam War, 1961-1975--Photographs  
Military history--Vietnam War, 1961-1975--Sound recordings--Oral histories  
Military history--Vietnam War, 1961-1975--Video recordings--Oral histories  
Military history--Vietnam War, 1961-1975--Video recordings--Speeches, addresses, etc.  
Military history--World War, 1914-1918--Maps  
Military history--World War, 1914-1918--Photographs  
Military history--World War, 1914-1918--Posters  
Military history--World War, 1914-1918--Sound recordings--Oral histories  
Military history--World War, 1914-1918--Video recordings--Documentary films  
Military history--World War, 1939-1945--Correspondence  
Military history--World War, 1939-1945--Documents  
Military history--World War, 1939-1945--Documents--Speeches, addresses, etc.  
Military history--World War, 1939-1945--Ephemera  
Military history--World War, 1939-1945--Maps  
Military history--World War, 1939-1945--Newspapers  
Military history--World War, 1939-1945--Pamphlets  
Military history--World War, 1939-1945--Photographs  
Military history--World War, 1939-1945--Scrapbooks  
Military history--World War, 1939-1945--Sound recordings--Oral histories  
Military history--World War, 1939-1945--Sound recordings--Speeches, addresses, etc.  
Military history--World War, 1939-1945--Video recordings--Documentary films  
Military history--World War, 1939-1945--Video recordings--Historical films  
testvocab

# Developing Custom Queries

- ❑ Exact phrase search for CV terms yields a combination of specific conflict and format
- ❑ More complicated queries:
  - ▣ Use exact phrase in conjunction with AND and/or OR searches to get relevant material across all collections
  - ▣ Use whole or portions of CV terms as needed
- ❑ Users can see and understand what was searched in results view

# Query Using Portal Key Field

Civil War  
Photographs  
Query using  
Portal Key

Home : About : Browse : Advanced Search : Preferences : My Favorites : Help : Downloads

[select all](#) : [clear all](#) : [add to favorites](#) [Thumbnail View](#) : [Grid View](#)

Search results: **114** item(s) for: **"Military history--United States--History--Civil War, 1861-1865--Photographs"** [revise search](#)

		
<input type="checkbox"/> 1. Abraham Lennington	<input type="checkbox"/> 2. Amos Gronendyke	<input type="checkbox"/> 3. Andrew Fletcher, Sr.
		
<input type="checkbox"/> 6. Carte de Visite of Adelia Carter New	<input type="checkbox"/> 7. Carte de Visite of Albert Kendrick	<input type="checkbox"/> 8. Carte de Visite of Caleb H. Cooper

# Query Using Portal Key Field






All military  
history  
correspon-  
dence using  
Portal Key

Home : About : Browse : Advanced Search : Preferences : My Favorites : Help : Downloads

select all : clear all : add to favorites

Thumbnail View : Grid View

Search results: **542** item(s) for: **"Military history" Correspondence** [revise search](#)

		
<input type="checkbox"/> 1. A. J. Mathews Deposition	<input type="checkbox"/> 2. Ab F. Lepper's Letter--1873-04-27	<input type="checkbox"/> 3. Address Change Note from Rosslyn Hotel
		
<input type="checkbox"/> 6. Aramenta Rader Letter--1862-09-16	<input type="checkbox"/> 7. Aramenta Rader Letter--1862-09-22	<input type="checkbox"/> 8. Aramenta Rader Letter--1862-10-08



# Digital Gateway Design



# Design Considerations


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- ❑ W3C compliance
- ❑ Easy and intuitive navigation
- ❑ Common design and navigation between DMR and website

# Comparison

## Digital Media Repository

<http://libx.bsu.edu>

**BALL STATE UNIVERSITY**  **EDUCATION REDEFINED**

**Digital Media Repository**  
A Project of the University Libraries

John B. Straw  
Project Coordinator  
Office: 765-285-5078  
(M-F: 8:00am-5:00pm)  
After Hours: 765-285-5143

Home · About · Browse · Advanced Search · Preferences · My Favorites · Help · Downloads

Simple Search:   | [Advanced Search](#)

**DIGITAL MEDIA REPOSITORY**

**UNCIE**  
Indiana University  
New Collections

**Biology Department**  
Lantern Slides

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**Advanced Search**

**Preferences**

**My Favorites**

**Help**

**Grant Projects**

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Funding for CONTENTdm, the digital content management system used for the Digital Media Repository, was made possible through the generous support of the *Friends of the Alexander M. Braden Library* and the estate of Judith Cobb.

## Digital Gateway

<http://www.bsu.edu/libraries/archives/militaryresources/>

### Digital Media Repository Military History Resources A Project of the University Libraries



#### Digital Media Repository Military History Resources



The Digital Media Repository Military History Resources website provides access points to Ball State University Libraries' DMR collections that feature materials related to conflict. The collections vary by wars and revolutions covered, formats, geographic reach, and military units involved. The following conflicts are covered in Ball State University Libraries' Digital Media Repository:

French Revolution, 1789-1799  
U.S. Civil War, 1861-1865  
World War I, 1914-1918  
World War II, 1939-1945  
Cold War, 1945-1991  
Korean War, 1950-1953  
Vietnam War, 1961-1975  
Persian Gulf War, 1991

The original formats of the digital objects represented in the repository range from oral histories and films to photographs and handwritten letters. Furthermore, the Digital Media Repository's holdings range in geographic location from local Monroe, Indiana resources to collections with an international scope. We have also organized Digital Media Repository items by resource that feature veteran remembrances in addition to specific military units.

To start exploring military resources, click on the links in the blue navigation bar at the top of this page.

#### DMR Search Tips

Use the links below to learn new strategies for locating items in the Digital Media Repository.

# Conclusions

Lessons Learned

Future Plans